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Amendments to Claims

(Currently Amended) A composition comprising:

- a.) about 55 to about 75 weight percent trans-1,2-dichloroethylene; and
- b.) about 15 weight percent or less of at least one solvent selected from the group consisting of:
- i.) oxygen-containing solvents
 selected from the group consisting of alcohols, ketones,
 esters, siloxanes, and ethers; and
- ii.) hydrocarbon solvents selected from the group consisting of those represented by C_tH_{2t+2} and C_tH_{2t} , wherein t is from 4 to 12; and
- c.) about 20 to about 45 weight percent of at least one
- i.) hydrofluorocarbon inerting agents selected from the group consisting of those represented by the formula $C_xH_yF_{(2x+2-y)}$, wherein x is from 3 to 8, y is from 1 to 4, the mole ratio of F/H in the hydrofluorocarbon inerting agent is greater than 1.6, and wherein when the inerting agent is hydrofluorocarbon the weight ratio of hydrofluorocarbon inerting agent to solvent is at least about 1.5;
- ii.) hydrochlorofluorocarbon inerting agents selected from the group consisting of those represented by the formulae $C_2HCl_2F_{37}$ and C_2HClF_4 , and $C_3HCl_2F_5$, and wherein when the inerting agent is hydrochlorofluorocarbon the weight ratio of hydrochlorofluorocarbon inerting agent to solvent is at least about 2,

wherein said composition is non-flammable by Flame Extension Test ASTM D-3065 and Flash Point-Tag Closed Cup Test ASTM D-56-82, and said composition has a Kauri Butanol value of at least about 40 by ASTM 1133-94.

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2. (Original) The composition of Claim 1, wherein said composition has a Kauri Butanol value of at least about 100 by ASTM 1133-94.

- 3. (Original) The composition of Claims 1 or 2, wherein the ratio of (inerting agent evaporation index)/(solvent evaporation index) is from about 0.1 to about 100.
- (Original) The composition of Claims 1 or 2 wherein said oxygen-containing solvent is selected from the group consisting of alcohols having a normal boiling point greater than about 60°C and less than about 120°C, and represented by the formula $C_uH_{2u+1}OH$, wherein u is from 1 to 4; ketones having a normal boiling point greater than about 50°C and less than about 110°C, and represented by the formula $C_vH_{2v+1}COC_wH_{2w+1}$, wherein v and w are 1 or greater and v+w is at most 5; esters having a normal boiling point greater than about 55°C and less than about 130°C, and represented by the formula $C_kH_{2k+1}COOC_mH_{2m+1}$, wherein k and m are 1 or greater and k+m is at most 4; siloxanes, hexamethyldisiloxane ([(CH₃)₃Si]₂O), hexaethyldisiloxane ($[(C_2H_5)_3Si]_2O$), and octamethyltrisiloxane ((CH₃)₃SiOSi(CH₃)₂OSi(CH₃)₃); and ethylene glycol dialkyl ethers represented by the formula $C_aH_{2a+1}(OCH_2CH_2)_bOC_aH_{2a+1}$, wherein a is 1 to 3 and b is 1 to 6.
- 5. (Original) The composition of Claims 1 or 2 wherein said hydrocarbon solvent has a normal boiling point greater than about -15°C and less than about 130°C.
- 6. (Original) The composition of Claims 1 or 2 wherein said hydrofluorocarbon inerting agent is selected from the group consisting of CF_3CHFCF_3 (HFC-227ea), $CF_3CF_2CF_2H$ (HFC-227ca), $CF_3CH_2CF_3$ (HFC-236fa), CF_3CHFCF_2H (HFC-236ea), CF_3CHFCF_2H (HFC-236ea),

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- 7. (Canceled)
- 8. (Canceled)
- 9. (Original) The composition of Claims 1 or 2 wherein said inerting agent comprises $CF_3CHFCHFCF_2CF_3$ (HFC-43-10mee), and said solvent comprises ethanol.
- 10. (Original) The composition of Claim 9 comprising about 63 weight% trans-1,2-dichloroethylene, about 13 weight% ethanol, and about 24 weight% $CF_3CHFCHFCF_2CF_3$ (HFC-43-10mee).
- 11. (Original) The composition of Claims 1 or 2 further comprising at least one aerosol propellant selected from the group consisting of air, nitrogen, carbon dioxide, difluoromethane, trifluoromethane, difluoroethane, trifluoroethane.
- 12. (Withdrawn) A process for removing residue from a surface, comprising the steps of:

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a.) contacting the surface with the composition of Claims 1, 2, 9, 10 or 11; and

- b.) recovering the surface substantially free of residue.
- 13. (Withdrawn) The process of Claim 12, wherein the surface comprises an integrated circuit device, and the residue comprises soldering flux.
- 14. (Withdrawn) The process of Claim 12, wherein the surface comprises an interior surface of a compression refrigeration apparatus, and the residue comprises conventional refrigeration lubricant, particulates, and/or rust.
- 15. (Currently Amended) The composition of Claims 1 or 2 further comprising a mold release agent.
- 16. (Currently Amended) A process for depositing mold release agent on the surface of a mold, comprising:
- a.) contacting the surface of the mold with the composition of Claim 1315; and
- b.) evaporating the components of said composition, with the exception of the mold release agent, from the surface of the mold.

Respectfully submitted,

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